

1  
INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/003664

## A. CLASSIFICATION OF SUBJECT MATTER

**BEST AVAILABLE COPY****IPC7: H04L 12/28, H04L 12/56**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: H04L, H04Q**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03021978 A1 (STRIX SYSTEMS, INC), 13 March 2003 (13.03.2003), page 18, line 4 - page 20, line 31, abstract --	1-16
A	WO 03003610 A1 (NOKIA CORPORATION ET AL), 9 January 2003 (09.01.2003), page 40, line 19 - page 42, line 33 --	1-16
A	US 20030158952 A1 (FLEMING, K ET AL), 21 August 2003 (21.08.2003), abstract -----	1-16

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search <b>18 March 2005</b>	Date of mailing of the international search report <b>22-03-2005</b>
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer <b>Anders Edlund /LR</b> Telephone No. + 46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/IB2004/03664**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:

**BEST AVAILABLE COPY**

2.  Claims Nos.: 17-18  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

According to PCT article 6, the claim or claims shall define the matter for which protection is sought. Claims shall be clear and concise. They shall be fully supported by the description.

3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

01/03/2005

International application No.  
PCT/IB 2004/003664

WO	03021978	A1	13/03/2003	US	20030095524 A	22/05/2003
WO	03003610	A1	09/01/2003	EP	1400031 A	24/03/2004
				US	6842460 B	11/01/2005
US	20030158952	A1	21/08/2003	NONE		

**BEST AVAILABLE COPY**